

Amendments to the Specification:

Please amend the Specification as shown below.

Please amend paragraph [0006] in the following manner:

[0006]

To achieve the object, a power supply according to the invention comprises:
a voltage generating section which generates an output voltage to be supplied to a load;
a drive control section which, when supplied with a drive control voltage necessary for generating a drive signal, generates a the drive signal in accordance with a signal indicating magnitude of the output voltage, when supplied with a drive control voltage necessary for generating the drive signal, supplies the generated drive signal to the voltage generating section to drive and control the voltage generating section; and

a drive-control voltage supply section which, when activated, applies the drive control voltage to the drive control section when activated to activate said drive control section, stops applying the drive control voltage to said drive control section to stop the drive control section when an output current to be supplied to the load becomes less than a preset current value, and operates drives the drive control section by applying the drive control voltage after a predetermined time elapses since stopping of the drive control section.

The voltage generating section may comprise:

a transformer having a primary winding and a secondary winding;
a DC voltage input section which receives a DC voltage and applies the input DC voltage to the primary winding of the transformer;

a switching section which generates a voltage on the primary winding of the transformer by switching a current flowing in the primary winding of the transformer, and

a rectifying and smoothing section which rectifies and smoothes a voltage generated on the secondary winding of the transformer, and supplies that voltage to the load,

whereby the drive control section supplies a pulse signal for the switching section to switch the current to the switching section as the drive signal, thereby driving and controlling the switching section.

Please amend paragraph [0015] in the following manner:

[0015]

To achieve the object, a drive method for a power supply according to the invention is a controlling method for a power supply including a voltage generating section which operates when a drive control signal is supplied thereto, generates an output voltage to be supplied to a load in accordance with a drive signal, a signal indicating magnitude of the output voltage, and a drive control section which generates the drive control signal from a drive control voltage and supplies the generated drive control signal to the voltage generating section to drive the voltage generating section to supply a the output voltage to the load, wherein

when the power supply is activated, the drive control voltage is applied to the drive control section to supply the voltage to the load from the voltage generating section, a current flowing in the load is monitored, application of the drive control voltage to the drive control section is stopped to stop an operation of the drive control section when the current becomes less than a preset current value, and after a predetermined time elapses since stopping, supply of the drive control voltage to the drive control section is started again to operate the drive control section.